

1771
PATENT

Case Docket No. NATURES.024A
Date: October 15, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Peter T. McCarthy
Appl. No. : 10/606,265
Filed : June 25, 2003
For : HIGH EFFICIENCY TIP
VORTEX REVERSAL AND
INDUCED DRAG
REDUCTION
Examiner : Unknown
Group Art Unit : 1771

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 15, 2003

(Date)

Mark J. Kertz
Mark J. Kertz, Reg. No. 43,711

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

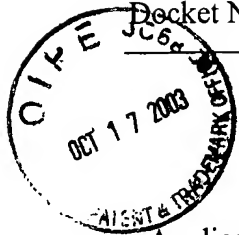
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 41 references.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Mark J. Kertz
Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404

**INFORMATION DISCLOSURE STATEMENT**

Applicant : Peter T. McCarthy
App. No. : 10/606,265
Filed : June 25, 2003
For : HIGH EFFICIENCY TIP VORTEX
REVERSAL AND INDUCED DRAG
REDUCTION
Examiner : Unknown
Group Art Unit : 1771

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 41 references, copies of which are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

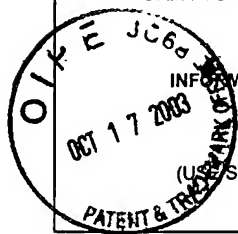
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/15/03

By: Mark J. Kertz

Mark J. Kertz
Registration No. 43,711
Attorney of Record
Customer No. 20,995
(949) 760-0404

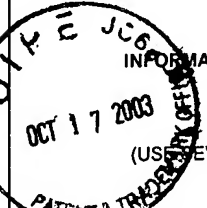
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. NATURES.024A	APPLICATION NO. 10/606,265
	APPLICANT Peter T. McCarthy	
	FILING DATE June 25, 2003	GROUP 1771



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,634,613	6/3/97	McCarthy			
	2	983,967	2/4/11	Etrich			
	3	1,011,767	12/12/11	Farum			
	4	1,063,805	6/3/13	Krause			
	5	1,710,673	4/23/29	Bonney			
	6	2,123,096	7/5/38	Charpentier			
	7	2,210,642	8/6/40	Thompson			
	8	2,576,981	12/4/51	Vogt			
	9	2,846,165	8/5/58	Axelson			
	10	3,369,775	2/20/68	Rethorst			
	11	3,411,738	11/19/68	Sargent			
	12	3,480,234	11/25/69	Cornish III			
	13	3,596,854	8/3/71	Haney, Jr.			
	14	3,776,363	12/4/73	Kueth			
	15	3,904,151	9/9/75	Rethorst			
	16	4,108,403	8/22/78	Finch			
	17	4,197,869	4/15/80	Moncrieff-Yeates			
	18	4,293,110	10/6/81	Middleton et al.			
	19	4,323,209	4/6/82	Thompson			
	20	4,382,569	5/10/983	Boppe et al.			
	21	4,444,367	4/24/84	Spillman			
	22	4,705,240	11/10/87	Dixon			
	23	4,722,499	2/2/88	King			
	24	4,776,535	10/11/88	Paterson et al.			
	25	4,776,542	10/11/88	Van Dam			
	26	4,949,919	8/21/90	Wajnikonis			
	27	4,975,022	12/4/90	Perry			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NATURES.024A	APPLICATION NO. 10/606,265
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>		APPLICANT Peter T. McCarthy	
		FILING DATE June 25, 2003	GROUP 1771

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	5,058,837	10/22/91	Wheeler			
	29	5,074,234	12/24/91	Stearns, IV			
	30	5,150,859	9/29/92	Ransick			
	31	5,356,094	10/18/94	Sylvain			
	32	5,366,177	11/22/94	DeCoux			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	33	482932A	4/1992	Europe				
	34	768392	1/1934	France				
	35	509764	2/1930	Germany				
	36	1239302A1	6/1986	U.S.S.R.				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	37	Walton and Katz "Application of Leading-Edge Vortex Manipulations to Reduce Wing Rock Amplitudes" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 555-559
	38	Traub and Nurick "Effects of Wing-Tip Vortex Flaps" <i>Journal of Aircraft</i> Vol. 30, No. 4, pp. 557-559
	39	Grantz and Marchman III "Trailing Edge Flap Influence on Leading Edge Vortex Flap Aerodynamics", <i>Journal of Aircraft</i> Vol. 20, No. 2, pp. 165-169
	40	Rao "An Exploratory Study of Area-Efficient Vortex Flap Concepts" <i>Journal of Aircraft</i> , Vol. 20, No. 12, pp. 1062-1067
	41	Lamar and Campbell "Vortex Flaps-Advanced Control Devices for Supercruise Fighters" Jan. 1984, <i>Aerospace America</i> .

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	